So-Blu

NON-TOXIC SOLAR HEAT TRANSFER FLUID

SolarUS

You've invested in a green solution.

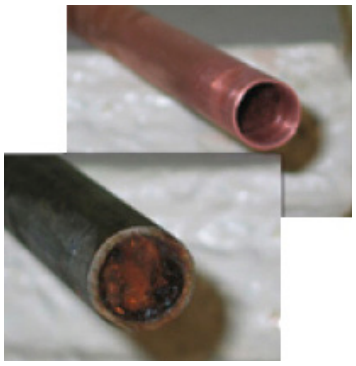
Doesn't it make sense to protect it?

So-Blu is an advanced heat-transfer fluid designed to withstand the extreme temperature variations experienced by today's solar thermal systems—for a longer, more reliable life.

Developed by SolarUS in partnership with DuPont Tate & Lyle Bio Products, So-Blu features Susterra® propanediol, a petroleum-free glycol. So-Blu is non-toxic and safe for use in domestic hot water and HVAC systems, plus it offers enhanced performance in lower temperatures and greater resistance to thermal breakdown.

So-Blu protects your investment from corrosion, freezing, and heat extremes.

Corrosion is the leading culprit in solar thermal system failure and can shorten the lifespan of your system by years. As corrosion builds, fluid movement becomes restricted, leading to reduced heat transfer, more thermal resistance, and a steady decline in system performance.



So-Blu heat-transfer fluid contains special rust inhibitors that protect your pipes against corrosion and buildup. What's more, So-Blu doesn't break down during extreme heat and also acts as an anti-freeze, protecting your pipes and collectors from bursting when the weather turns cold.

Properties	Method	Typical
Pounds/Gallon @ 60°F	ASTM D4052	8.69
Glycol, %vol.	GC	40
Specific Gravity @ 25°C	ASTM D4052	1.040
pH	ASTM D1287	8.4
Reserve Alkalinity	ASTM D1121	1.5
Freeze Point, °C (°F)	ASTM D6660	-21 (-6)
Chlorides, mg/l	ASTM D5827	<5
Foam Tendencies, ml/sec	ASTM D1881	35/2
Silicon (as silicate), ug/g	ASTM D6130	<5

For additional information:

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susterra® renewably sourced propanediol
DuPont Tate & Lyle BioProducts

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